

BEST AVAILABLE COPY

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property
Organization
International Bureau**



**(43) International Publication Date
9 June 2005 (09.06.2005)**

PCT

**(10) International Publication Number
WO 2005/052192 A1**

(51) International Patent Classification⁷:
C12N 15/63

C12Q 1/68,

(74) Agent: FASSE, J., Peter; Fish & Richardson P.C., 225
Franklin Street, Boston, MA 02110-2804 (US).

(21) International Application Number:
PCT/US2004/038950

**(81) Designated States (unless otherwise indicated, for every
kind of national protection available):** AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date:
19 November 2004 (19.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/523,942 21 November 2003 (21.11.2003) US

**(84) Designated States (unless otherwise indicated, for every
kind of regional protection available):** ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): UNIVERSITY OF MASSACHUSETTS [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SALUJA, Ashok [US/US]; 457 Brook Street, Framingham, MA 01701 (US). SHARIF, Rifat [US/US]; 9 Saffron Drive, Worcester, MA 01605 (US). KURT-JONES, Evelyn, A. [US/US]; 42 Stanley Road, Belmont, MA 02478 (US). FINBERG, Robert, W. [US/US]; 64 Canterbury Drive, Sudbury, MA 01776 (US).

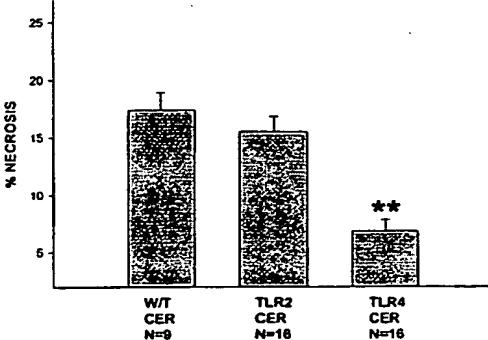
Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PANCREATITIS

(57) Abstract: The present invention provides methods of identifying candidate therapeutic agents for use in the treatment of acute pancreatitis.



WO 2005/052192 A1